ABSTRACT

In a screw locking assembly a pair of washers having inclined surfaces are interposed between a screw member on a tightening side and a member to be tightened, with the inclined surfaces being mutually contacted. These inclined surfaces circle around once in spiral form with a lead angle β smaller than a lead angle α of the screw, and both ends thereof are connected with a tier face in the axial direction. By conducting an initial-tightening in a state with an interval of a preset angle maintained between the tier faces, and tightening and rotating the screw member on the tightening side until the tier faces come into contact with each other, a tightening force proportional to that angle is generated, and the tightening force is controlled surely with precision.